

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions of claims in the application.

1. (Currently Amended) A gas barrier coating composition, comprising:
an inorganic layered compound dispersion (c), wherein an inorganic layered compound
(b) is dispersed using a peroxide (a) in a dispersion medium, and
a gas barrier resin (d); and
wherein a mixture containing the peroxide (a) and inorganic layered compound (b) in a
mixing ratio by mass of (a)/(b) = 2/1 to 1/1000 is dispersion treated in a high speed stirring
apparatus and/or a high pressure dispersing apparatus.

2. (Canceled)

3. (Currently Amended) The gas barrier coating composition according to Claim 1 or 2
claim 1, wherein hydrogen peroxide is used as the peroxide (a).

- 4-5. (Canceled)

6. (Currently Amended) The gas barrier coating composition according to Claim 1 or 2
claim 1, wherein the total content of the inorganic layered dispersion (c) and gas barrier resin (d)
in the gas barrier coating composition is 1 to 30% by mass and the mass ratio (c)/(d) is 30/70 to
70/30.

7. (Currently Amended) The gas barrier coating composition according to ~~Claim 1 or 2~~ claim 1, which contains, as the gas barrier resin (d), at least one resin selected from the group consisting of polyvinyl alcohol-based resins and ethylene-vinyl alcohol-based resins.

8. (Currently Amended) A gas barrier composite plastic film or sheet, which is obtainable by applying the gas barrier coating composition according to ~~Claim 1 or 2~~ claim 1 to at least one of the surfaces of a film or sheet of a plastic selected from the group consisting of polyolefins, polyesters, polyamides and polystyrene in a coating weight to give a dry film thickness of 0.1 to 100 μm .

9. (Original) A gas barrier packaging container, which is obtainable by molding the gas barrier composite plastic film according to Claim 8.

10. (Original) A gas barrier packaging container, which is obtainable by molding the gas barrier composite plastic sheet according to Claim 8.

11. (Currently Amended) A gas barrier packaging container, which is obtainable by applying the gas barrier coating composition according to ~~Claim 1 or 2~~ claim 1 to a plastic container molded in the form of a tube, tray, cup, box or bottle in a coating weight to give a dry film thickness of 0.1 to 100 μm .

12. (Original) A gas barrier packaging container, which is formed of a composite layer consisting of paper and the gas barrier composite plastic film or sheet according to Claim 8.

13. (Currently Amended) A process for producing a gas barrier coating composition according to ~~Claim 1 or 2~~ claim 1,

comprising the step of producing the inorganic layered compound dispersion (c) by admixing a peroxide (a) and an inorganic layered compound (b) in a dispersion medium in a mixing ratio by mass of (a)/(b) = 2/1 to 1/1000 and further treating the resulting mixture in a high speed stirring apparatus and/or a high pressure dispersing apparatus to cleave and distribute the ~~cleaved~~ inorganic layered compound (b) in the dispersion medium.